

Application No. 10/785,369

Response dated December 20, 2007

Reply to Office Action of September 20, 2007

Docket No.: 2003.784US

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CENTRAL FAX CENTERAmendments to the Claims:

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This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A process for inhibiting and/or delaying carbamylation of a polypeptide in a urea and/or cyanate containing solution, the process comprising a step of adding a carbamylation-inhibiting compound to the solution, wherein said carbamylation-inhibiting compound is glycinamide.
- 2-5. (Cancelled)
6. The process of Claim 1, wherein the polypeptide is a ribonuclease.
7. (Previously Presented) The process of Claim 6, wherein the ribonuclease is RNase A.
8. (Currently Amended) The process of Claim 1, wherein the carbamylation-inhibiting compound is added to the solution in an amount effective to provide about 100% carbamylation protection of the polypeptide for a period of three weeks.
9. (Currently Amended) The process of Claim 1, wherein the concentration of the carbamylation carbamylation-inhibiting compound is between 1 mM and 150 mM.
10. (Cancelled)
11. (Previously Presented) The process of Claim 9, wherein the cyanate in the solution is at a concentration of about 5 mM.
12. (Previously Presented) The process of Claim 1, wherein the carbamylation-inhibiting compound has a buffering capacity of about neutral.
- 13-18 (Cancelled)

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19. (Currently Amended) The process of Claim 3, wherein A process for inhibiting and/or delaying carbamylation of a polypeptide in a urea and/or cyanate containing solution, the process comprising a step of adding a carbamylation-inhibiting compound to the solution, wherein the carbamylation-inhibiting compound is the a dipeptide is selected from the group consisting of Glycine-Glycine (Gly-Gly) and Glycine-Histidine (Gly-His).

20. (Previously Presented) The process of Claim 19, wherein the dipeptide is Glycine-Glycine (Gly-Gly).

21. (Previously Presented) A process for inhibiting and/or delaying carbamylation of a polypeptide in a urea and/or cyanate containing solution, the process comprising a step of adding a carbamylation-inhibiting compound selected from the group consisting of histidine and 4-hydroxyl proline to the solution, wherein the carbamylation-inhibiting compound is added to the solution in an amount effective to provide about 100% carbamylation protection of the polypeptide for a period of three weeks.

22. (New) The process of Claim 19, wherein the concentration of the carbamylation-inhibiting compound is between 1 mM and 150 mM.

23. (New) The process of Claim 22, wherein the cyanate in the solution is at a concentration of about 5mM.

24. (New) The process of Claim 19, wherein the carbamylation-inhibiting compound has a buffering capacity of about neutral.